		BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
LLL	HH				
LLL	III	BBB BBB BBB	RRR RRR	111	iii
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	1111111111	BBBBBBBBBBB	RRR RRR	TTT	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL		88888888888 88888888888	RRR RRR	III	

LI

\$	RRRRRRRR RR	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	000000 00 00 00 00	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
	\$			
	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$			

Page

- The interlock macros cannot be used from a routine called

STRSCOPY 1-015			VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1	Page (1
58 59 60 61 62 63 64 65 66 67 68 67 71 72 73	0058 1 0059 1 0060 1 0061 1 0062 1 0063 1 0065 1 0066 1 0067 1 0068 1 0069 1 0070 1 0071 1 0072 1 0073 1	with a JBS because of the ENABLE. JBS 15-NOV-1979  1-011 - String speedup, remove edit 10. RW 8-Jan-1980  1-012 - Reorganize string copying routines to use the corresponship to the seal work. This makes them sensitive to the newly-added classes of descriptors. Remove string interlocking code. RKR 31-1013 - Speed up by special-casing classes of descriptors that like fixed string descriptors.  To bring performance back to Version 2 levels, it becan necessary to replicate the logic found in LIB\$SCOPY_R_ in STR\$COPY_R R8.  RKR 18-NOV-T981  1-014 - Add support for class SO string descriptor. DG 3-0CT-1015 - Change class SO string descriptor to SB. DG 27-Feb-19		

Page

```
M 5
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
                                                                                                                                                     VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1
                                                                                                                                                                                                                  Page
                                                                                                                                                                                                                          (3)
                                         GLOBAL ROUTINE STR$COPY_DX (
     ! Copy string
DEST_DESC.
                                                                                                             ! Pointer to dest str desc
! Pointer to input str desc
                                           FUNCTIONAL DESCRIPTION:
This routine copies a source string to a destination string where both the source and destination may be of any class or any dtype. This is the CALL entry point, it puts the parameters in the correct place and JSBs to the JSB entry point.
                                            FORMAL PARAMETERS:
                                                      DEST_DESC.wt.dx
                                                                                               pointer to destination string descriptor
                           1351
1353
1353
1355
1355
1356
1366
1368
1368
1368
1370
                                                       SRC_DESC.rt.dx
                                                                                               pointer to source string descriptor
                                            IMPLICIT INPUTS:
                                                      NONE
                                            IMPLICIT OUTPUTS:
                                                      NONE
                                            COMPLETION CODES:
                                                                                  Success
                                                      SS$_NORMAL
                                                      STRS_TRU
                                                                                  Truncation occured. Warning.
                                            SIDE EFFECTS:
                                            Will signal STR$_INSVIRMEM if no heap memory to allocate strings or STR$_ILLSTRCLA if class in descriptor is not supported.
                                                      RETURN (STR$COPY_DX_R8 ( .DEST_DESC, .SRC_DESC) ); !End of STR$COPY_DX
                                                                                                                             .TITLE
                                                                                                                                          STR$COPY
                                                                                                                             .EXTRN
.EXTRN
.EXTRN
                                                                                                                                          STRS_FATINTERR, STRS_INSVIRMEM
STRS_ILLSTRCLA, STRS_TRU
STRS_NORMAL, LIB$STOP
                                                                                                                              .PSECT
                                                                                                                                           _STR$CODE,NOWRT, SHR, PIC,2
                                                                                             01FC 00000
7D 00002
0V 30 00006
04 00009
                                                                                                                                          STR$COPY_DX, Save R2,R3,R4,R5,R6,R7,R8
DEST_DESC, R0
STR$COPY_DX_R8
                                                                                                                             .ENTRY
                                                                                                                                                                                                                        1335
1374
                                                                  50
                                                                                       0000V
                                                                                                                             BSBW
RET
                                                                                                                                                                                                                        1375
```

Page (3)

STR\$COPY 16-Sep-1984 1-015 14-Sep-1984

N 5 16-Sep-1984 01:35:39 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:40:04 [LIBRTL.SRC]STRCOPY.B32;1

; Routine Size: 10 bytes, Routine Base: \_STR\$CODE + 0000

:

B 6 16-Sep-1984 01:35:39 14-Sep-1984 12:40:04 STRSCOPY 1-015 VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1 Page (4) GLOBAL ROUTINE STR\$COPY\_R ( ! Copy a string DEST\_DESC, SRC\_EN, SRC\_ADDR Pointer to dest str desc Value of src string length Pointer to source string FUNCTIONAL DESCRIPTION: This routine copies a source string to a destination string where both the source and destination may be of any class or any dtype. This is the CALL with source string by reference entry point, it puts the parameters in the correct place and JSBs to the JSB entry point. FORMAL PARAMETERS: DEST\_DESC.wt.dx SRC\_CEN.rwu.r pointer to destination string descriptor addr of value of length of source string SRC\_ADDR.rt.r pointer to source string IMPLICIT INPUTS: NONE IMPLICIT OUTPUTS: NONE COMPLETION CODES: SS\$\_NORMAL Success STR\$\_TRU Truncation occured. Warning. SIDE EFFECTS: Will signal STR\$\_INSVIRMEM if no heap memory to allocate strings or STR\$\_ILLSTRCLA if class in descriptor is not supported. BEGIN
RETURN (STR\$COPY\_R\_R8 (.DEST\_DESC, ..SRC\_LEN, .SRC\_ADDR) );
LENd of STR\$COPY\_R STR\$COPY\_R, Save R2,R3,R4,R5,R6,R7,R8 SRC\_ADDR, R2 aSRC\_LEN, R1 DEST\_DESC, R0 STR\$COPY\_R\_R8 01FC D0 D0 D0 V 30 O4 1376 1420 .ENTRY AC OOOOV MOVL MOVL BSBW 1421

51

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STRSCOPY

C 6 16-Sep-1984 01:35:39 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:40:04 [LIBRIL.SRC]STRCOPY.B32;1

Page (4)

; Routine Size: 18 bytes, Routine Base: \_STR\$CODE + 000A

```
D 6
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
1-015
                                                                                                                                          VAX-11 Bliss-32 V4.0-742 
[LIBRTL.SRC]STRCOPY.B32;1
                                     GLOBAL ROUTINE STR$COPY_DX_R8 (
    ! Copy string
                                                  DEST_DESC,
SRC_DESC
                                                                                                    ! Pointer to dest str desc
! Pointer to input str desc
                                                                                    ) : STR$JSB_COPY_DX =
                                        FUNCTIONAL DESCRIPTION:
                                        This routine copies a source string to a destination string where both the source and destination may be of any supported class. It JSBs to the routine which does the actual copy by reference on
                                        the source.
                                        FORMAL PARAMETERS:
                                                  DEST_DESC.wt.dx
SRC_DESC.rt.dx
                                                                                       pointer to destination string descriptor pointer to source string descriptor
                         IMPLICIT INPUTS:
                                                  NONE
                                        IMPLICIT OUTPUTS:
                                                  NONE
                                        COMPLETION CODES:
                                                  SS$_NORMAL
                                                                          Success.
Truncation occurred. Warning.
                                                 STRS_TRU
                                        SIDE EFFECTS:
                                        Will signal STR$_INSVIRMEM if no heap memory to allocate strings or STR$_ILLSTRCLA if class in descriptor is not supported.
                                           BEGIN
                                                  SRC_DESC : REF BLOCK [,BYTE];
                                           IF .SRC_DESC [DSC$B_CLASS] LEQU DSC$K_CLASS_D THEN
                                                 RETURN (STR$COPY_R_R8 (
                                                                                       .DEST_DESC.
.SRC_DESC [DSC$W_LENGTH].
.SRC_DESC [DSC$A_POINTER] ) ) ;
                                                  END
                                           ELSE
                                                 BEGIN
                                                        IN_LEN.
IN_ADDR :
```

S

STR\$COPY 1-015 : 290 : 291 : 292 : 293 : 294	1479 1480 1481 1482 1483	350001 E	\$STR\$GET_L RETURN (ST END;	EN_ADDR ( SRC_I R\$COPY_R_R8 (.)	16-Sep-1984 01:35:39	Page 10 (5)
					.EXTRN STR\$ANALYZE_SDESC_R1	
		51	04 AE 02	03 50 03 61 10	BB 00000 STR\$COPY DX R8::  PUSRR	1422
		7E	04 AE 52 51	50 04 9E 04 BE	D6 0000E INCL R0 C1 00010 ADDL3 #4, SRC_DESC, -(SP) D0 00015 MOVL a(SP)+, R2 3C 00018 MOVZWL aSRC_DESC, R1 11 0001C BRB 4\$	1470
		50	04 53 04 AE 52 50	04 BE 24 04 60 10 0000000 50 51 53 6E 00000	E9 0001E 18: BLBC RO, 28 3C 00021 MOVZWL BSRC_DESC, IN_LEN C1 00025 ADDL3 #4, SRC_DESC, RO D0 0002A MOVL (RO), IN_ADDR 11 0002D BRB 38 D0 0002F 28: MOVL SRC_DESC, RO 16 00033 JSB STR\$ANALYZE_SDESC_R1	1479
			53 52 51 50 5E	51 53 6E 0000v 08	DO 0002F 2\$: MOVL SRC_DESC, RO 16 00033 JSB STR\$ANALYZE_SDESC_R1 DO 00039 MOVL RO, R3 DO 0003C MOVL R1, R2 DO 0003F 3\$: MOVL IN_LEN, R1 DO 00042 4\$: MOVL DEST_DESC, RO 30 00045 BSBW STR\$COPY_R_R8 CO 00048 ADDL2 #8, SP 05 0004B RSB	1480

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```
H 6
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
1-015
                                                                                                                                        VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]STRCOPY.B32;1
    dynamic destination string
                                                [DSC$K_CLASS_D] :
BEGIN
IF $STR$NEED_ALLOC (.SRC_LEN,
($STR$DYN_AL_LEN (DEST_DESC)) )
                     P
                        XIF XBLISS (BLISS16) OR XBLISS (BLISS36)
                                                                                                                  if not VAX must not CH$MOVE with overlap
                     7000
                                    THEN
OR $STR$OVERLAP (.SRC_ADDR, .SRC_LEN, .DEST_DESC [DSC$A_POINTER], .SRC_LEN)
                                                       THEN
                                                              BEGIN
                                                                                                   ! cannot directly fill dest
                                                              LOCAL
                                                                    LOC_RET_STAT,
                                                                                                      status of calls to Allocate
                                                                    TEMP_DESC : $STR$DESCRIPTOR;
                                                                                                                               create temp
                                                                    LOC_RET_STAT = $STR$ALLOCATE (.SRC_LEN, TEMP_DESC);
! alloc temp
                                                                      Allocate will only return STR$_NORMAL or STR$_INSVIRMEM, therefore if it wasn't success, don't continue copying
                                                                    IF (.LOC_RET_STAT)
                                                                               BEGIN ! successful allocate
CH$MOVE (.SRC_LEN, .SRC_ADDR, ! copy to temp
.TEMP_DESC [DSC$A_POINTER]);
$STR$EXCH_DESCS (TEMP_DESC, DEST_DESC);
! switch temp
                                                                                                                               and dest
                                                                                LOC_RET_STAT = $STR$DEALLOCATE (TEMP_DESC);
! return former
                                                                                                                              string
                                                                                   $STR$DEALLOCATE returns either STR$_NORMAL or STR$_FATINTERR.
                                                                                 IF NOT .LOC_RET_STAT
                                                                                      RETURN_STATUS = STR$_FATINTERR;
! successful allocate
                                                                                RETURN_STATUS = STR$_INSVIRMEM ; ! cannot directly fill dest
                                                             END
                                                       ELSE
                                                             BEGIN ! directly fill dest CH$MOVE (.SRC_LEN, .SRC_ADDR, ! write dest .DEST_DESC_EDSC$A_POINTER]);
```

\$1

STR\$COPY 1-015 441 442 443 444 445 446	1628 5 1629 4 1630 4 1631 4 1632 3 1633 3	DEST_DESC [DSC\$W_LE END; .RETURN_STATUS END;	16-Sep-1984 01:35:39					

```
K 6
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
1-015
                                                                                                                                                                                 VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]STRCOPY.B32;1
     16589
16590
16666345
166667
166667
16677
16778
16883
16889
16993
1697
1697
1697
                                                    Varying string descriptor
                                                                  [DSC$K_CLASS_VS]: ! Varying string descriptor
BEGIN
IF (.SRC_LEN LEQU .DEST_DESC [DSC$W_MAXSTRLEN] )
THEN ! fits within MAXLEN, copy and update CURLEN
                                                                                CH$MOVE (.SRC_LEN, .SRC_ADDR, .DEST_DESC_[DSC$A_POINTER] + 2);
(.DEST_DESC_[DSC$A_POINTER])<0,16> = .SRC_LEN;
SS$_NORMAL ! return success status
                                                                                SS$_NORMAL
                                                                                                ! Won't fit within MAXLEN. Only copy MAXLEN's ! worth of data and update CURLEN to MAXLEN
                                                                        ELSE
                                                                              BEGIN
CH$MCVE (.DEST_DESC [DSC$W_MAXSTRLEN], .SRC_ADDR,
.DEST_DESC [DSC$A_POINTER] + 2);
(.DEST_DESC [DSC$A_POINTER])<0,16> =
.DEST_DESC [DSC$W_MAXSTRLEN];
STR$_TRU ! return truncation status
                                                                        END :
                                                                                                                ! of Varying string descriptor
                                                   Unsupported class descriptor
                                                                [INRANGE, OUTRANGE]:
STR$_ILLSTRCLA;
                                                                                                                ! Unsupported class of descriptor
                                                       $STR$SIGNAL FATAL (RETURN_STATUS);
RETURN .RETURN_STATUS;
END:
                                                                                                                                                 !End of STR$COPY_R_R8
                                                                                                                                                                    STR$$INIT, STR$$V_INIT
STR$$ALOC_SHORT
STR$$Q_SHORT_Q, LIB$GET_VM
STR$$MOVQ_R1, LIB$FREE_VM
                                                                                                                                                     .EXTRN
                                                                                                                  C2 00000 STR$COPY_R_R8::
                                                                              5E
                                                                                                                                                                    #20, SP
R2
R1, R8
                                                                                                                                                                                                                                                                 1484
                                                                                                                        00003
00005
00008
00008
00000
00012 1$:
                                                                                                      52
51
50
01
A6
002A
                                                                                                                                                    PUSHL
                                                                                                                  DO DD 85
                                                                              58
56
                                                                                                                                                     MOVL
                                                                                                                                                                     RO. R6
                                                                                                                                                                    3(DEST_DESC), #0, #15
3$-1$,=
                                                                                                                                                     PUSHL
                                                                                                                                                                                                                                                                 1541
1542
                                                                          00
AS00
                                                                                                03
                                              003C
                                                                                                                                                     CASEB
                 0020
                                                                                                                                                     . WORD
```

STRSCOPY 1-015				1	6-Sep-1984 01:39 4-Sep-1984 12:40	5:39 VAX-11 Bliss-32 V4.0-742 0:04 [LIBRTL.SRC]STRCOPY.B32;1	Page 17
0020 01DF 002A	0020 01CD 0020	0020 0020	01CD 0020 0020	0001A 00022 0002A		3\$-1\$,- 5\$-1\$,- 2\$-1\$,- 2\$-1\$,- 2\$-1\$,- 2\$-1\$,- 3\$-1\$,- 3\$-1\$,- 2\$-1\$,-	
		6E	00000000G_8F	DO 00032	2\$: MOVL	2\$-1\$,- 3\$-1\$ #STR\$_ILLSTRCLA, RETURN_STATUS 37\$	
66	20	04 BE	01E2	D0 00032 31 00039 2C 0003C 00042 D5 00044 12 00046 31 00048 31 00048		37\$ SRC_LEN, @SRC_ADDR, #32, (DEST_DESC), - @4(DEST_DESC) R0 4\$ 34\$ 36\$ 4(DEST_DESC), R1	1562 1564
		51	01 BB 01 C9 04 A6 52 51 06	DU 0004E D4 00052 D5 00054 12 00056	CLRL TSTL BNEQ	34\$ 36\$ 4(DEST_DESC), R1 R2 R1 6\$ R2 R0 8\$ (DEST_DESC), #240	1578
		00F0 8F	06 52 50 13 66 05	D4 0005A 11 0005C B1 0005F	CLRL BRB 6\$: CMPW	RO 8\$ (DEST_DESC) #240	
		50	05 66	1B 00063 3C 00065	BLEQU MOVZWL	(NECT NECC) DA	
	00	50 50 0000F0 8F	FE A0 50 23	D6 00058 D4 0005C B1 0005E 1B 00063 3C 00065 11 00068 D0 0006A 3C 0006D D1 0007F B1 00086 3C 0008B D1 0008B D1 0008B D1 0008B D1 0008B D1 0008B D1 0008B D1 0009B D1 0009B D1 0009B D1 0009B D1 0009B D1 0009B D1 000A2 D1 000A2 D1 000A2 D1 000A2	6\$:  BRB  CMPW BLEQU MOVZWL BRB  7\$:  MOVL MOVZWL CMPL BLSSU BLBC CLRL BRB CMPW BLEQU MOVZWL BRB  10\$:  MOVL MOVZWL BRB  12\$:  CMPZV BEQL BRB  12\$:  BRB  12\$:  BRB  12\$:  BRB  12\$:  BRB  12\$:  BRB  BLEQU MOVZWL BRB	R1, STRING_BLOCK -2(STRING_BLOCK), RO R0, #240 12\$	
		04	50	04 0007b	CLRL BRB	RO 11\$	
		00F0 8F	66	B1 00081 1B 00086	98: CMPW BLEQU	(DEST_DESC), #240 10\$ (DEST_DESC), RO 11\$	
		50	66	3C 00088 11 0008B	MOVZWL BRB	(DEST_DESC), RO	
50	58	50 50 10	FE A00 23 24 550 13 66 05 66 07	DO 0008D 3C 00090 ED 00094 13 00099 11 0009B E9 0009D D4 000AO 11 000A2 B1 000A4 1B 000A9 3C 000AB	10\$: MOVL MOVZWL CMPZV BEQL	R1, STRING_BLOCK -2(STRING_BLOCK), RO #0, #16, SRC_LEN, RO 16\$ 17\$ R2, 13\$	
		04	52	E9 0009D	12\$: BLBC	R2, 13\$	
		00F0 8F	13	11 000A2 B1 000A4	138: BRB	15\$ (DEST_DESC), #240	
		50	05 66	1B 000A9 3C 000AB	BLEQU	(DEST_DESC), RO	

R\$COPY -015						16-Sep-1	984 01:35 1984 12:40	:39 VAX-11 Bliss-32 V4.0-742 :04 [LIBRTL.SRC]STRCOPY.B32;1	Page 1
			51 FE 51 000000000	51 07 0041	3C 001 07 001 8A 001 9E 001	8A 8E 90 93	MOVZWL DECL BICB2 MOVAB INSQUE	-2(STRING_BLOCK), ALLOC_LENGTH R1 #7, R1 STR\$\$Q_SHORT_Q[R1], INSQUE_ADDR (R2), 30(INSQUE_ADDR)	
		00	B1 18	AE AE	0E 001 11 001 9F 001	A1 28\$:	INSQUE BRB PUSHAB	TEMP DESC+4	
		00000000G	AE 18 0C	9E VE	3C 001 9F 001 FB 001	A9 AC	PUSHAB CALLS	TEMP_DESC, 12(SP)	
			50 000000000	8F 50	E8 001 D0 001	B6 BD 29\$:	BRB PUSHAB MOVZWL PUSHAB CALLS BLBS MOVL MOVL BLBS	#2, LIBSFREE VM RETURN STATUS, 29\$ #STR\$ FATINTERR, RETURN STATUS RETURN STATUS, LOC_RET_STAT LOC_RET_STAT, 37\$ #STR\$_FATINTERR, RETURN_STATUS	141
			6E 00000000	52	DO 001	C3 CA	MOVL BRB MOVL BRB	319	; 161 ; 160 ; 162 ; 162 ; 162 ; 163 ; 164
	61	04	6E 000000000	8F 49 58	DO 001 11 001 28 001		MOVL BRB MOVC3	#STR\$_INSVIRMEM, RETURN_STATUS 37\$ SRC_LEN. @SRC_ADDR. (R1)	: 162 : 157
OC A6	20		BE 66 BE	58 3F 58	BO 001 11 001 20 001	DA	MOVC3 MOVW BRB	SRC_LEN, @SRC_ADDR, (R1) SRC_LEN, (DEST_DESC) 37\$	162
oc no	20	04	04	86 50 28	D5 001	E6 E8	MOVC5 TSTL BNEQ	SRC_LEN, @SRC_ADDR, #32, 12(DEST_DESC), - @4(DEST_DESC) R0 36\$	165
			6E	01 15	12 001 00 001 11 001	EC EF	MOVL BRB	#1 RETURN_STATUS	165
			50 04 66	A6 58	9E 001 B1 001 1A 001	F5	CMPW BGTPU	4(DEST_DESC), RO SRC_LEN, (DEST_DESC) 35\$	166
	02 A7	04	57 BE 67	60 58	DO 001	FA	CMPW BGTRU MOVL MOVC3 MOVW	(RO), R7 SRC_LEN, @SRC_ADDR, 2(R7) SRC_LEN, (R7) #1, RETURN_STATUS 37\$	166
			6E	58 01 13	BÚ 002 DO 002 11 002	03 06 34\$:	MOVL BRB	#1 RETURN_STATUS	166
	02 A7	04	BE 67	60 66 66 8F 6E	DO 002 28 002 BO 002 DO 002 E8 002	OB 35\$: OE 14	MOVC3	(DEST DESC), aSRC ADDR, 2(R7)	167
04	6E		6E 000000000 10 03	8F 6E 00 09	DO 002 E8 002 ED 002	17 36\$: 1E 37\$:	MOVW MOVL BLBS CMPZV	(DEST_DESC), (R7) #STR\$ TRU, RETURN STATUS RETURN STATUS, 38\$ #0, #3, RETURN STATUS, #4 38\$	168 167 169
		00000000G	00 50 5E	6E 01 8E 18	DD 002 FB 002 DO 002 CO 002 05 002	28 2A 31 38\$:	BNEQ PUSHL CALLS MOVL ADDL2 RSB	RETURN STATUS #1, LIB\$STOP RETURN STATUS, RO #24, SP	169 169

STRSCOPY 1-015 VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1 Page 20 (10) 1 END 1 ELUDOM !End of module PSECT SUMMARY Name Bytes Attributes \_STR\$CODE 672 NOVEC, NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC, ALIGN(2) Library Statistics ----- Symbols -----Pages Processing File Total Loaded Percent Mapped Time \_\$255\$DUA28:[SYSLIB]STARLET.L32:1 9776 17 581 00:00.8 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$:STRCOPY/OBJ=OBJ\$:STRCOPY MSRC\$:STRCOPY/UPDATE=(ENH\$:STRCOPY) 672 code + 0 data bytes 00:12.2 00:47.6 Run Time: ; Elapsed Time: 00:12.6; Lines/CPU Min: 8340; Lexemes/CPU-Min: 33895; Memory Used: 202 pages; Compilation Complete

0214 AH-BT13A-SE

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